SW2 RGBHVcc & SW2 VGAcc

TWO INPUT RGBHV & VGA-UXGA SWITCHERS WITH CONTACT CLOSURE CONTROL

- 350 MHz (-3 dB) video bandwidth
- SW2 RGBHVcc inputs and outputs on female BNC connectors
- SW2 VGAcc inputs and outputs on 15-pin HD female connectors
- Contact closure remote control with tally output status
- 1U, half rack width metal enclosure

SW2 RGBHVcc

SW2 VGAcc

The Extron SW2 RGBHVcc and SW2 VGAcc are high performance, two input, one output, active switchers for RGBHV and VGA respectively. Offering contact closure and front panel control, both switchers are ideal for conference rooms, classrooms, multimedia production systems, and other high resolution video environments.

DESCRIPTION

The Extron **SW2 RGBHVcc and SW2 VGAcc** are economical, two input, one output, active switchers for RGBHV and VGA, respectively. Each high performance wideband switcher allows users to select between two RGB video sources and route the selected source to video output device such as a data monitor or projector.

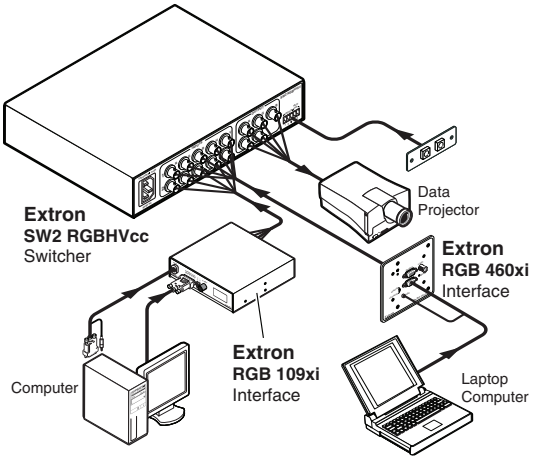
The SW2 RGBHVcc is capable of switching a variety of high-resolution analog video signals, including RGBHV, RGBS, RGsB, and RsGsBs, as well as standard resolution NTSC, PAL, and SECAM sources in component video, S-video, or composite video.

The SW2 VGAcc is capable of switching a variety of analog video signals, including RGBHV, RGBS, RGsB, and RGBHVS, as well as VGA–UXGA, Macintosh®, SUN®, SGI, and other high resolution computer-video signals.

Both switchers can be controlled via the front panel controls or contact closure. They also feature tally outputs to provide feedback to a control system. Offering high performance, a compact enclosure, and flexible mounting options, the SW2 RGBHVcc and SW2 VGAcc are ideal for conference rooms, classrooms, multimedia production systems, and other high resolution video environments.

FEATURES

- 350 MHz (-3 dB) RGB video bandwidth
- Video inputs and outputs on female BNC connectors (SW2 RGBHVcc)
- Video inputs and outputs on 15-pin HD female connectors (SW2 VGAcc)
- Contact closure remote control with tally output status
- 1U, half rack width 6" deep metal enclosure
- Furniture and rack-mountable
- Internal international power supply



SPECIFICATIONS

VIDEO

Gain	Unity
Bandwidth	350 MHz (-3 dB)
Crosstalk	<-68 dB @ 10 MHz
Switching speed	5 ms (max.)

VIDEO INPUT

Number/signal type	
SW2 VGAcc	2 VGA–UXGA computer video
SW2 RGBHVcc	2 RGBHV
Connectors	
SW2 VGAcc	2 female 15-pin HD
SW2 RGBHVcc	2 x 5 female BNC
Nominal level	0.7 V p-p for RGB
Minimum/maximum levels	Analog: 0.3 V to 1.5 V p-p with no offset
Impedance	75 ohms
Horizontal frequency	15 kHz to 145 kHz
Vertical frequency	30 Hz to 179 Hz
Return loss	<-42 dB @ 5 MHz
DC offset (max. allowable)	1.7 V

VIDEO OUTPUT

Number/signal type	
SW2 VGAcc	1 VGA–UXGA computer video
SW2 RGBHVcc	1 RGBHV
Connectors	
SW2 VGAcc	1 female 15-pin HD
SW2 RGBHVcc	5 female BNC
Nominal level	0.7 V p-p for RGB
Minimum/maximum levels	0.3 V to 1.5 V p-p (follows input)
Impedance	75 ohms
Return loss	<-43 dB @ 5 MHz
DC offset	±5 mV with input at 0 offset

SYNC

Input type	RGBHV, RGBS, RGsB, RsGsBs
Output type	RGBHV, RGBS, RGsB, RsGsBs (follows input)
Input level	Analog or TTL, 1.7 V to 5.0 V p-p
Output level	5.0 V p-p, unterminated
Input impedance	510 ohms
Output impedance	50 ohms
Max. propagation delay	30 ns
Max. rise/fall time	4 ns
Polarity	Positive or negative (follows input)

CONTROL/REMOTE — SWITCHER

Contact closure/tally output	(1) 3.5 mm captive screw connector, 5 pole
Contact closure and tally pin configurations	1 = input 1 contact closure, 2 = input 2 contact closure, 3 = GND, 4 = input 1 tally output, 5 = input 2 tally output

GENERAL

Power (internal autoswitchable)	100 VAC to 240 VAC, 50/60 Hz, 7 watts,
Rack mount	Yes, with optional 1U rack shelf
Enclosure type	Metal
Enclosure dimensions	1.7" H x 8.7" W x 6.0" D 4.3 cm H x 22.1 cm W x 15.2 cm D
Product weight	2 lbs (1 kg)
Shipping weight	4 lbs (2 kg)
Listings	UL, CUL
Compliances	CE, FCC Class A, VCCI, AS/NZS, ICES

NOTE: All nominal levels are at ±10%

Model	Part Numbers
SW2 VGAcc	60-679-01
SW2 RGBHVcc	60-680-01

Specifications are subject to change without notice.

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